

TABLE S6 Genes of “*Ca. Rickettsiella viridis*” encoding putative effector proteins, which are orthologous to effector protein genes identified in *L. pneumophila*.

Position	Coding strand	Gene	Product	Reference ¹
76740–78989	+	<i>mavN</i>	Involved in ferrous ion transport	(83, 84)
217452–218255	–	<i>lpg2628</i>	Putative transmembrane lipoprotein	(79)
419499–421049	+	<i>legK1/legK3</i>	Serine/threonine protein kinase-like	(81)
738885–739754	+	<i>rsmE</i> (<i>lpg2936</i>)	Ribosomal RNA small subunit methyltransferase E	(79)
1058703–1059512	–	<i>ravC</i>	Sporulation protein RMD1-like	(79, 100)
1126677–1127126	–	<i>lpg2359</i>	GatB/YqeY domain-containing protein	(79)
1128484–1130475	–	<i>ravJ</i>	Hypothetical protein	(79, 100)
1139666–1141066	–	<i>arp/ankH/sdcA</i>	Ankyrin repeat-containing protein	(82, 86, 101)
1164066–1166285	–	<i>sidP</i> (<i>lpg0130</i>)	Phosphoinositide phosphatase	(80)
1409389–1411617	–	<i>lepB</i>	Effector protein B	(102)

¹References 100-102 are below.

100. Huang L, Boyd D, Amyot WM, Hempstead AD, Luo ZQ, O'Connor TJ, Chen C, Machner M, Montminy T, Isberg RR. 2011. The E Block motif is associated with *Legionella pneumophila* translocated substrates. *Cell Microbiol* 13: 227–245. <https://doi.org/10.1111/j.1462-5822.2010.01531.x>.

101. Luo ZQ, Isberg RR. 2004. Multiple substrates of the *Legionella pneumophila* Dot/Icm system identified by interbacterial protein transfer. *Proc Natl Acad Sci U S A* 101:841– 846. <https://doi.org/10.1073/pnas.0304916101>.

102. Chen J, Reyes M, Clarke M, Shuman HA. 2007. Host cell-dependent secretion and translocation of the LepA and LepB effectors of *Legionella pneumophila*. *Cell Microbiol* 9:1660 –1671. <https://doi.org/10.1111/j.1462-5822.2007.00899.x>.